

What is claimed is:

1. A thermostable and liquid-tight joint between a first component (1) made of metal, ceramic, or plastic and a second component (2) made of metal, ceramic, or plastic which is exposable to the

5 temperature effect of an external medium (20), including:

- a first bond (14) between the second (2) and the first (1) component and
- a second bond (22), whose adhesive (16) has a greater elasticity than the adhesive (10) of the first bond (14), and

which is placed in such a way that direct contact of the first bond (14) with the external  
10 medium (20) is prevented.

2. The joint as recited in Claim 1, wherein

- the first component (1) has a pass-through aperture (8) in which the second component (2) is fixed by the first bond (14).

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3. The joint as recited in Claim 1 or 2, wherein

- the first component (1) is a receptacle sleeve having a centric pass-through aperture (8).

4. The joint as recited in Claim 1, 2, or 3, wherein

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- the second bond (22) has an exterior contact side (23), provided for contact with the external medium (20), and an inner side, facing away from the contact side but facing and shielding the first bond (14).

5. The joint as recited in Claim 4, wherein

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- at least one area of the inner side of the second bond (22) is in direct contact with the first bond (14).

6. The joint as recited in one of the preceding claims, wherein the first component (1) is made of metal and the second component (2) is made of ceramic.

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7. Use of a joint as recited in one of the preceding claims in a sensor assembly (31) of a measuring device which is insertable into a medium to be tested.